



# Green Buildings on Brownfields Pilot

## *Mt. Shasta, CA*

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Office of Brownfields Cleanup and Redevelopment

Quick Reference Fact Sheet

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### **Volcanic Legacy Discovery Center**

The City of Mt. Shasta, California is working with the U.S. Forest Service, the Shasta Energy Group, and other local stakeholders to develop a Volcanic Legacy Discovery Center on ten acres at a former lumber mill. This building will be the centerpiece of a scenic byway stretching from Crater Lake in Oregon to Lassen Peak in California, and is expected to receive thousands of visitors each year. The Center is expected to include a 20,000-square-foot building with a 200-plus seat auditorium, exhibit spaces with interactive and educational displays (including a section to demonstrate green building materials), a gift shop, other auxiliary spaces, and parking. In addition, sustainable landscape design features may be incorporated into the reuse plan with a chaparral restoration area, vegetative filter area, wildlife pond, and a storm water retention basin.

Mt. Shasta used its Green Building on Brownfields pilot support to retain the services of an architecture firm specializing in green design. The firm facilitated a charrette attended by decision makers to establish the green goals for the Volcanic Legacy Discovery Center (VLDC). Using those goals, the firm then developed a design process guide for the procurement of final design services that will meet the green goals for the building.

The document will allow the City and Forest Service to avoid a common pitfall that can lead to unnecessary costs for green building design. If architecture and engineering firms doing final design do not have a clear understanding of the green design goals at the outset, they may charge unnecessary fees for using technologies with which they are less familiar. The design process guide developed under the EPA Green Buildings on Brownfields pilot will allow the City to move forward with final design in the most cost-effective manner.



Site of the future Volcanic Legacy Discovery Center.